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<b>Application Number</b>	10/789,865
<b>Filing Date</b>	02-27-2004
<b>First Named Inventor</b>	GRETZKE, et. al.
<b>Group Art Unit</b>	1626
<b>Examiner Name</b>	LEE, Susannah E.
<b>Attorney Docket Number</b>	DEAV2003/0018 - US - NP

Sheet	1	of	7
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## U.S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
SC		EP	0 462 884 A1		VINCENT, et. al.	12-27-2001		
		WO	00/40569		HODSON, et. al.	07-13-2000		
		WO	00/63208		DORWALD, et. al.	10-26-2000		
		WO	00/64876		JAYYOSI, et. al.	11-02-2000		
		WO	00/64888		JAYYOSI, et. al.	11-02-2000		
		WO	00/66585		HORVATH, et. al.	11-09-2000		
		WO	00/71549		BROUGH, et. al.	11-30-2000		
		WO	00/78312 A1		SAHOO, et. al.	12-28-2000		
		WO	01/04146 A2		OLSEN, et. al.	01-18-2001		
		WO	01/09111 A1		BRINER, et. al.	02-08-2001		

/Susannah Chung/

05/22/2006

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
SC ↓		WO	01/21602 A1		CHENG, et. al.	03-29-2001		
		WO	01/40169 A1		HALLGREN, et. al.	06-07-2001		
		WO	01/40171 A1		BOIJE, et. al.	06-07-2001		
		WO	01/72290 A2		DEMUTH, et. al.	10-04-2001		
		WO	01/81327 A1		OONODA, et. al.	11-01-2001		
		WO	01/83451		IKUTA, et. al.	11-08-2001		
		WO	01/85695 A1		LI, et. al.	11-15-2001		
		WO	01/91752 A1		BAKSHI, et. al.	12-06-2001		
		WO	01/94300		DEFOSSA, et. al.	12-13-2001		
↓		WO	02/051820		TAJIMA, et. al.	07-04-2002		

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PTO/SB/08A (10-96)

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				Application Number	10/789,865
				Filing Date	02-27-2004
				First Named Inventor	GRETZKE, et. al.
				Group Art Unit	1626
				Examiner Name	LEE, Susannah E.
Sheet	3	of	7	Attorney Docket Number	DEAV2003/0018 - US - NP

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		Office <sup>3</sup>	Number <sup>4</sup>				
SC  ↓  ↓  ↓		WO	02/064549 A1		HAYWARD, et. al.	08-22-2002	
		WO	02/096864		DEFOSSA, et. al.	12-05-2002	
		WO	02/38541 A1		FUKUSHIMA, et. al.	05-16-2002	
		WO	02/46146 A1		TAKAHASHI, et. al.	06-13-2002	
		WO	02/50027		GLOMBIK, et. al.	06-27-2002	
		WO	03/004458 A1		GUSTAVSSON, et. al.	01-16-2003	
		WO	03/020269		GLOMBIK, et. al.	03-13-2003	
		WO	03/040174 A2		DEMUTH, et. al.	05-15-2003	
		WO	03/066581 A1		HENRY, et. al.	08-14-2003	
	WO	03/084922		DEFOSSA, et. al.	10-16-2003		

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		Office <sup>3</sup>	Number <sup>4</sup>				
SC		WO	03/084923		DEFOSSA, et. al.	10-16-2003	
		WO	03/104188		SCHOENAFINGER, et. al.	12-18-2003	
		WO	94/18183		BRIEADDY, et. al.	08-18-1994	
		WO	94/18184		BRIEADDY, et. al.	08-18-1994	
		WO	96/38428		MAEDA, et. al.	12-05-1996	
		WO	97/26265		NIELSEN, et. al.	07-24-1997	
		WO	97/41097		LOHRAY, et. al.	11-06-1997	
		WO	98/08871		KNUDSEN, et. al.	03-05-1998	
		WO	98/19998		VILLHAUER, et. al.	05-14-1998	
		WO	99/03861		NIELSEN, et. al.	01-28-1999	

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			Application Number	10/789,865	
			Filing Date	02-27-2004	
			First Named Inventor	GRETZKE, et. al.	
			Group Art Unit	1626	
			Examiner Name	LEE, Susannah E.	
Sheet	5	of	7	Attorney Docket Number	DEAV2003/0018 - US - NP

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Substitute for form 1449B/PTO			<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)			Application Number	10/789,865
			Filing Date	02-27-2004
			First Named Inventor	GRETZKE, et. al.
			Group Art Unit	1626
			Examiner Name	LEE, Susannah E.
			Attorney Docket Number	DEAV2003/0018 - US - NP
Sheet	6	of	7	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
SC		ASAKAWA, A., et. al., Cocaine-Amphetamine-Regulated Transcript Influences Energy Metabolism Anxiety and Gastric Emptying in Mice, Hormone and Metabolic Reserch; Vol. 33(9); 2001; pp 554-558	
		BERGER, J., et. al., The Mechanisms of Action of PPARs, Annul. Rev. Med.; Vol. 53; 2002; pp 409-435	
		FRUCHART, J.C., et. al., PPARs, Metabolic Disease and Atherosclerosis, Pharmacological Research; Vol. 44, No. 5; 2001' pp 345-352	
		KERSTEN, S., et. al., Roles of PPARs in Health and Disease, Nature; Vol. 405; May 25, 2000; pp 421-424	
		KLIEWER, S.A., et. al., Peroxisome Proliferator-Activated Receptors: From Genes to Physiology, Recent Prog. Horm Res.; Vol. 56; 2001; pp 239-263	
		LEE, D.W., et. al., Leptin agonists as a potential approach to the treatment of obesity, Drugs of the Future; Vol. 26(9); 2001; pp 873-881	
		MOTOJIMA, K., et. al. Peroxisome Proliferator-Activated Receptor (PPAR): Structure, Mechanisms of Activation and Diverse Functions, Cell Structure and Function; Vol. 18; 1993; pp 267-277	
		OKADA, H., et. al., Synthesis and Antitumor Activities of Prodrugs of Benzoylphenylureas, Chem. Pharm. Bull.; Vol. 42(1); 1994; pp 57-61	
		PINEDA TORRA, I., et. al., Peroxisome Proliferator-activated Receptors: from Transcriptional Control to Clinical Practice, Curr. Opin. Lipidol; Vol. 12; 2001; pp 245-254	
↓		PINEDA TORRA, I., et. al., Peroxisome proliferator-activated receptor alpha in metabolic disease, inflammation, atherosclerosis and aging, Curr. Opin. Lipidol; Vol. 10; 1999; pp 151-159	

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